# Fall 2009 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including USACE Erosion Survey

#### Sacramento River Basin

RD0784 Reclamation District No. 0784 Plumas	Overall LMA Rating	Total LMA Miles				
Lake	A	38.43				
					Encroad	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	CO Miles
Vegetation	0.32		0.32	0.83%		
Encroachments					1.61	0.01
LMA Totals:	0.32	0.00	0.32	0.83%	1.61	0.01
Unit No. 01 Yuba River	Overall Unit Rating	Total Unit Miles				
	A	2.22				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroad PO Miles	
No Items						
Unit Totals:	0.00	0.00	0.00	0.00%	0.00	0.00
Unit No. 02 Feather River	Overall Unit Rating	Total Unit Miles				
	A	13.64				
					Encroad	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	CO Miles
No Items						
Unit Totals:	0.00	0.00	0.00	0.00%	0.00	0.00
Unit No. 03 Bear River	Overall Unit Rating	Total Unit Miles				
	Α	4.73				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroad PO Miles	
Encroachments					0.01	
Unit Totals:	0.00	0.00	0.00	0.00%	0.01	0.00
Unit No. 04 Interceptor Canal	Overall Unit Rating	Total Unit Miles				
	Α	6.35				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroad PO Miles	
No Items						
Unit Totals:	0.00	0.00	0.00	0.00%	0.00	0.00
Unit No. 05 Interceptor Canal	Overall Unit Rating	Total Unit Miles				
	A	4.20				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroad PO Miles	
Vegetation	0.32		0.32	7.62%		
Vogotation	0.32		0.02			
Encroachments	0.32		0.02		1.60	

# Fall 2009 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including USACE Erosion Survey

### Sacramento River Basin (cont.)

Unit No. 06 South Dry Creek	Overall Unit Rating	Total Unit Miles					
	A	1.50					
					Encroachments		
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	CO Miles	
No Items							
Unit Totals:	0.00	0.00	0.00	0.00%	0.00	0.00	
Unit No. 07 Yuba River	Overall Unit Rating	Total Unit Miles					
	Α	3.91					
					Encroad	hments	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	CO Miles	
Encroachments						0.01	
Unit Totals:	0.00	0.00	0.00	0.00%	0.00	0.01	
Unit No. 08 Three Rivers	Overall Unit Rating	Total Unit Miles					
	Α	1.88					
						hments	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	CO Miles	
No Items							
Unit Totals:	0.00	0.00	0.00	0.00%	0.00	0.00	

### **LMA District Cover Sheet**

### Fall 2009 Levee Inspection Results

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			A	
	** Non-receipt of Su	ımmer or Winter Inspe	ection Reports may effec	ct overall annual rating
FALL INSPECTIONS: The overall maintena	d using the same crite	ria in the spring and in	the fall.	
omments				

Bank Unit Miles

#### Flood Control Project Maintenance Levee Inspections

### **Unit Cover Sheet**

### Fall 2009 Levee Inspection Results

# **Reclamation District No. 0784 Plumas Lake**

Waterway

	Unit No. 01 Y	′uba River		Left	2.22
	Spring (March - May)	Summer (June - August)	(September - November)		Winter ber - February)
Unit Maintenance Rating (Fall Only)			Α		
Date of Inspection			9/24/2009		
DWR Inspector			Clay Thomas		
Accompanied By			Steve Fordice RD-784		
project components conditions other tha deficiencies identifie  During the current w project components	vinter (or summer) inspection p identified in the attached Leve in the results of our normal mai ed in the enclosed report. vinter (or summer) inspection p identified in the attached Leve be corrections we have made to	e Inspection Report by intenance and the corre period, my staff or I have the Inspection Report by	Mile. We have found no chang ections we have made to maint e inspected the levee and asso Mile. In addition to the results	ges in flo enance ociated fl of our no	ood project ood ormal
(In the comment see	n flood project conditions. ction below or on additional sho n (Land Side, Water Side, or C				
One of the boxes above is information must also be	3	eet should be signed an	d dated by the LMA Represen th 31 (Winter Inspection). Plea spection Reports , Room LL-30	tative an	d returned to
x					
Signature of LMA Repres	sentative		Date		

## Levee Inspection Report By Mile - Fall 2009

# **Reclamation District No. 0784 Plumas Lake**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yuba River	Left	2.22	11/12/2009 11/12/2009	Clay Thomas

Levee Mile	Catagory	Item ,	Rati	Action/Comment	GPS Latitud	le/Longitude	Issue No.
Start End	End Category	tion	Action/Comment	Start	End	Photo	
1				No issues were reported.	0	0	

\* Location LS : Land Side WS : Water Side CR : Crown \*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

# Flood Control Project Maintenance Levee Inspections

### **Unit Cover Sheet**

## Fall 2009 Levee Inspection Results

	Water	way		Bank	Unit Miles
	Unit No. 02 Fe	eather River		Left	13.64
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)
Unit Maintenance Rating (Fall Only)			Α		
Date of Inspection	3/17/2009		9/24/2009		
DWR Inspector	Clay Thomas		Clay Thomas		
Accompanied By					
Check one:					
project components conditions other that deficiencies identified  During the current v project components maintenance and the following changes in (In the comment see	vinter (or summer) inspection p is identified in the attached Leve in the results of our normal mai ed in the enclosed report.  vinter (or summer) inspection p is identified in the attached Leve he corrections we have made to in flood project conditions.  ction below or on additional shan in (Land Side, Water Side, or Co	ee Inspection Report by intenance and the corresponding to the correspon	Mile. We have found no change ctions we have made to maint e inspected the levee and asso Mile. In addition to the results cies identified in the report, we of condition by: Start to End Le	ges in florenance ociated florenance have for have for evee Mile	lood project lood ormal und the
Comments					
information must also be	3	eet should be signed ar	nd dated by the LMA Represent ch 31 (Winter Inspection). Pleast spection Reports Room LL-30	tative an	nd returned to
x					
Signature of LMA Repres	sentative		Date		

### Levee Inspection Report By Mile - Fall 2009

# **Reclamation District No. 0784 Plumas Lake**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Feather River	Left	13.64	11/12/2009 11/12/2009	Clay Thomas

LMR	Levee	Levee Mile		- Category Item *		Rating	Action/Comment	GPS Latitud	Issue No.	
No.			Category	item	Location *	ng	Action/Comment	Start	End	Photo
1	2.81	8.95	Earthen Levee	Encroachments	CR	Α	Equipment Inspector Comments: This is the beginning of the new setback levee, probable unit 9.north tie in.	39.089654 ° -121.584897 °	39.009995 ° -121.579307 °	
2	12.84	12.84	Earthen Levee	Encroachments	CR	A	Equipment Inspector Comments: This levee ends at approximate I/m 12.80, levee changed when set back levee was built.	38.954673° -121.574723°	38.954673 ° -121.574723 °	5

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected

# Flood Control Project Maintenance Levee Inspections

### **Unit Cover Sheet**

## Fall 2009 Levee Inspection Results

	Water	way		Bank	Unit Miles
	Unit No. 03 E	Bear River		Right	4.73
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)
Unit Maintenance Rating (Fall Only)			Α		
Date of Inspection	3/17/2009		9/24/2009		
DWR Inspector	Clay Thomas		Clay Thomas		
Accompanied By			Steve Fordice		
Check one:					
project components conditions other that deficiencies identified  During the current v project components maintenance and the following changes in (In the comment see	winter (or summer) inspection position in the attached Level in the results of our normal mailed in the enclosed report.  Winter (or summer) inspection position in the attached Level in the attached Level in flood project conditions.  Ction below or on additional short (Land Side, Water Side, or Conditions).	ee Inspection Report by intenance and the corresponding to the correspon	Mile. We have found no change ctions we have made to maint e inspected the levee and asso Mile. In addition to the results cies identified in the report, we of condition by: Start to End Le	ges in florenance ociated florenance have for have for evee Mile	ood project  ood  ormal  und the
Comments					
information must also be	3	eet should be signed ar	nd dated by the LMA Represent ch 31 (Winter Inspection). Pleast spection Reports Room LL-30	tative an	d returned to
X Signature of LMA Repres	sentative		Date		

### Levee Inspection Report By Mile - Fall 2009

# **Reclamation District No. 0784 Plumas Lake**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Bear River	Right	4.73	11/12/2009	Clay Thomas

LMR	Levee Mile Start End Category				Rati	Action/Comment	GPS Latitud	Issue No.	
No.			Item	ation	Action/Comment	Start	End	Photo	
1	2.82	2.82	Earthen Levee	Encroachments	CR PO	· · ·	38.974003 ° -121.541910 °	38.974003 ° -121.541910 °	

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected

### **Unit Cover Sheet**

## Fall 2009 Levee Inspection Results

	Bank	Unit Miles							
	Unit No. 04 Inter	rceptor Canal		Left	6.35				
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)				
Unit Maintenance Rating (Fall Only)			Α						
Date of Inspection			9/24/2009						
DWR Inspector			Clay Thomas						
Accompanied By			Steve Fordice						
Check one:  During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.  During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.  (In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).									
Comments									
information must also be	3	eet should be signed an	d dated by the LMA Representh 31 (Winter Inspection). Pleaspection Reports , Room LL-30	itative an	d returned to				
X			_						
Signature of LMA Repres	sentative		Date						

## Levee Inspection Report By Mile - Fall 2009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Interceptor Canal	Left	6.35	11/13/2009 11/13/2009	Clay Thomas

Levee Mile	atogory	Item *	Rating ** Location *	Action/Comment	GPS Latitud	Issue No.	
Start End	Category				Start	End	Photo
1	No issues were reported.						

Bank Unit Miles

#### Flood Control Project Maintenance Levee Inspections

### **Unit Cover Sheet**

### Fall 2009 Levee Inspection Results

# **Reclamation District No. 0784 Plumas Lake**

Waterway

	Left	4.20								
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)					
Unit Maintenance Rating (Fall Only)			A							
Date of Inspection	3/17/2009		9/24/2009							
DWR Inspector	Clay Thomas		Clay Thomas							
Accompanied By			Steve Fordice RD 784							
project components conditions other than	rinter (or summer) inspection pidentified in the attached Leventher results of our normal mand in the enclosed report.	ee Inspection Report by	Mile. We have found no char	nges in flo						
project components maintenance and the following changes in	deficiencies identified in the enclosed report.  During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.  (In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).									
Comments										
information must also be s	3	eet should be signed ar	nd dated by the LMA Represe ch 31 (Winter Inspection). Ple aspection Reports e, Room LL-30	ntative an	nd returned to					
X										
Signature of LMA Repres	entative		Date							

## Levee Inspection Report By Mile - Fall 2009

# **Reclamation District No. 0784 Plumas Lake**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.20	11/12/2009 11/12/2009	Clay Thomas

LMR	Levee Mile Start End Category		Catagory	Item	Rating ** Location	Action/Comment	GPS Latitud	e/Longitude	Issue No.
			пеш	tion	Action/Comment	Start	End	Photo	
1	1.08	1.72	Earthen Levee	Encroachments	LS PC	Agricultural Ditch	38.989955 ° -121.535672 °	38.999068 ° -121.537462 °	10
2	2.10	3.06	Earthen Levee	Encroachments	LS PC	Agricultural Ditch	39.004562 ° -121.538482 °		9
3	3.88	4.20	Earthen Levee	Vegetation	CR M	Control annual grass and weeds on the levee slopes and easements.	39.019559 ° -121.514679 °	39.020574 ° -121.509016 °	11

\*\* Rating

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### **Unit Cover Sheet**

## Fall 2009 Levee Inspection Results

	Right	1.50							
	Unit No. 06 Sou	iti biy oreek		rtigitt	1.00				
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)				
Unit Maintenance Rating (Fall Only)			Α						
Date of Inspection			9/24/2009						
DWR Inspector			Clay Thomas						
Accompanied By									
	vinter (or summer) inspection p								
conditions other tha	identified in the attached Leve in the results of our normal mai ed in the enclosed report.				od project				
project components maintenance and th	During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.								
	ction below or on additional sho n (Land Side, Water Side, or C								
Comments									
information must also be	3	eet should be signed an	d dated by the LMA Represer th 31 (Winter Inspection). Plea spection Reports , Room LL-30	ntative an	d returned to				
X									
Signature of LMA Repres	sentative		Date						

## Levee Inspection Report By Mile - Fall 2009

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 South Dry Creek	Right	1.50	11/12/2009 11/12/2009	Clay Thomas

LMR	Levee	evee Mile Categor				GPS Latitud	Issue No.		
<u>N</u> 0.	Start	End	tion	Action/Comment	Start	End	Photo		
1		No issues were reported.						0	

# Flood Control Project Maintenance Levee Inspections

### **Unit Cover Sheet**

## Fall 2009 Levee Inspection Results

	Bank	Unit Miles							
	Unit No. 07 Y	⁄uba River		Left	3.91				
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)				
Unit Maintenance Rating (Fall Only)			Α						
Date of Inspection	3/17/2009		9/24/2009						
DWR Inspector	Clay Thomas		Clay Thomas						
Accompanied By									
Check one:  During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.  During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.  (In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).									
Comments									
information must also be	3	eet should be signed ar	nd dated by the LMA Represent of 31 (Winter Inspection). Pleast spection Reports Room LL-30	itative an	d returned to				
x									
Signature of LMA Repres	sentative		Date						

## Levee Inspection Report By Mile - Fall 2009

# **Reclamation District No. 0784 Plumas Lake**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Yuba River	Left	3.91	11/12/2009 11/12/2009	Clay Thomas

LMR	Levee	Mile	Category	Item	Location	Rating	Action/Comment	GPS Latitud	Issue No.	
No.	Start	End	Category	ion		Action/Comment	Start	End	Photo	
1	2.16	2.28	Earthen Levee	Encroachments	WS	С	Equipment Inspector Comments: equipment has been moved 10-15 feet from levee into DFW.	0	0	3
2	2.18	2.18	Earthen Levee	Encroachments	WS	СО		39.149330 ° -121.518550 °	39.149330 ° 121.518550 °	4

\*\* Rating

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# Flood Control Project Maintenance Levee Inspections

### **Unit Cover Sheet**

## Fall 2009 Levee Inspection Results

Waterway					Unit Miles					
		1.88								
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)						
Unit Maintenance Rating (Fall Only)			Α							
Date of Inspection	3/17/2009		9/24/2009							
DWR Inspector	Clay Thomas		Clay Thomas							
Accompanied By										
Check one:										
<ul> <li>During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.</li> <li>During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.</li> <li>(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).</li> </ul>										
Comments										
information must also be	3	eet should be signed ar	nd dated by the LMA Represent of 31 (Winter Inspection). Pleast spection Reports Room LL-30	itative ar	nd returned to					
X										
Signature of LMA Repres	sentative		Date							

## Levee Inspection Report By Mile - Fall 2009

# **Reclamation District No. 0784 Plumas Lake**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Three Rivers		1.88	11/12/2009 11/12/2009	Clay Thomas

LMR	Levee	Mile	Category	Itom	Loca	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
No.	Start	End	- Category Item		ation *	ing	Action/Comment	Start	End	Photo
1	0.01	1.95	Earthen Levee	Encroachments	CR	Α	Equipment Inspector Comments: New setback levee. Right Bank Bear River, LM 0.00 is at Feather River levee centerline unit 2 approx LM 12.80, Equation: Mile 1.95 on setback levee equals mile 2.43 on RD 784 unit 3. mileage runs upstream.	38.955455 ° -121.574772 °	38.970835 ° -121.547393 °	1

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected